

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| S22   | 7872 | carbon paper  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:25 |
| S23   | 400  | S22 and nanotube  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:25 |
| S24   | 163  | S23 and<br>@ay<"2005"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:25 |
| S25   | 43   | S24 and (arc<br>discharge or arc-<br>discharge)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:29 |
| S26   | 43   | S25 and (density or<br>current or cool or<br>oxygen or single<br>wall or SWNT or<br>vaporize or<br>vaporization or<br>vaporisation) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:30 |
| S28   | 32   | S26 and (SWNT or<br>single) same<br>catalyst  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:46 |
| S29   | 31   | S26 and (SWNT or<br>single) with<br>catalyst  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:46 |
| S30   | 0    | S26 and (SWNT or<br>single) with<br>catalyst same favor   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:48 |
| S31   | 2    | S26 and damage<br>with substrate  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>06:52 |
| S32   | 25   | ajayan.in.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>07:30 |
| S33   | 45   | ebbesen.in.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>07:30 |
| S34   | 1    | S32 and S33   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/08/28<br>07:30 |

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|-----|-------|---|------------------------------|-----|----|---------------------|
| S35 | 14    | (S32 or S33) and arc                        | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:31 |
| S36 | 6     | cadek.in.                                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:44 |
| S37 | 33180 | electrode same (purity or pure)             | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:47 |
| S38 | 11590 | S37 and (carbon or graphite) same electrode | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:48 |
| S39 | 4526  | S38 and @ay<"2003"                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:48 |
| S40 | 230   | S39 and (nanotube or fullerene)             | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:48 |
| S41 | 172   | S39 and (nanotube)                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:49 |
| S42 | 77    | S41 and "%"                                 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:57 |
| S43 | 46    | S41 and spectroscop\$7                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:59 |
| S44 | 1     | S41 and spectroscop\$7 adj pure             | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>07:59 |
| S45 | 206   | nanotube and carbon substrate               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>08:25 |
| S46 | 50    | S45 and @ay<"2003"                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>08:25 |
| S47 | 19    | S46 and arc                                 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>08:26 |
| S48 | 7872  | carbon paper                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>10:48 |
| S49 | 400   | S48 and nanotube                            | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>10:48 |

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|-----|------|---|------------------------------|-----|----|---------------------|
| S50 | 163  | S49 and<br>@ay< "2005"                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>10:48 |
| S51 | 43   | S50 and (arc<br>discharge or arc-<br>discharge) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>10:48 |
| S53 | 43   | S51 and time                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>10:49 |
| S56 | 7872 | carbon paper                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:07 |
| S57 | 400  | S56 and nanotube                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:07 |
| S58 | 163  | S57 and<br>@ay< "2005"                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:07 |
| S59 | 43   | S58 and (arc<br>discharge or arc-<br>discharge) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:07 |
| S60 | 41   | S59 and oxygen                                  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:07 |
| S61 | 1    | S59 and oxygen<br>same cool                     | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:13 |
| S62 | 35   | S59 and inert                                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:14 |
| S63 | 41   | S59 and (inert or<br>oxygen)                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:14 |
| S64 | 4    | S59 and cool                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:23 |
| S65 | 1726 | arc discharge and<br>nanotube                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:24 |
| S66 | 518  | S65 and<br>@ay< "2003"                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:24 |
| S67 | 70   | S66 and cool                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:24 |

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|-----|----|---|------------------------------|-----|----|---------------------|
| S68 | 31 | S67 and oxygen  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:24 |
| S69 | 26 | S66 and cool with<br>(gas or inert or<br>oxygen)      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:26 |
| S70 | 42 | S66 and oxidize                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:30 |
| S72 | 4  | (S67 or S68 or<br>S69) and ambient<br>gas             | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>13:58 |
| S74 | 37 | cool with substrate<br>and nanotube and<br>@ay<"2003" | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/08/28<br>14:40 |

8/ 29/ 2008 8:59:21 AM

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Carbon nanotube.wsp